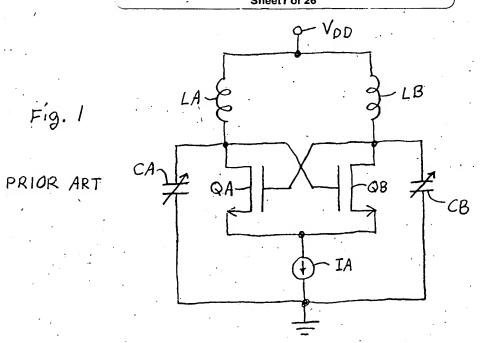
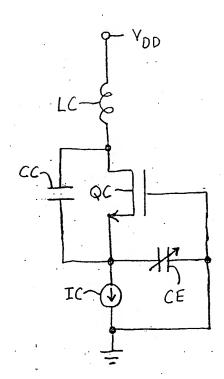
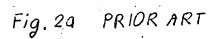
## Capacitance Variation Capacitance Variation Constantin Buluccea NS-5127 US Sheet I of 26







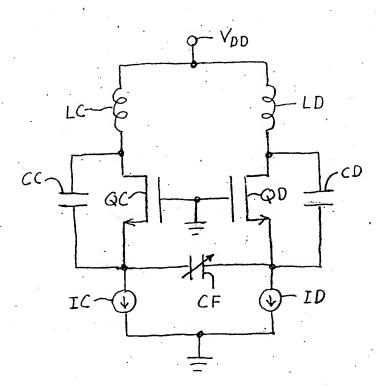
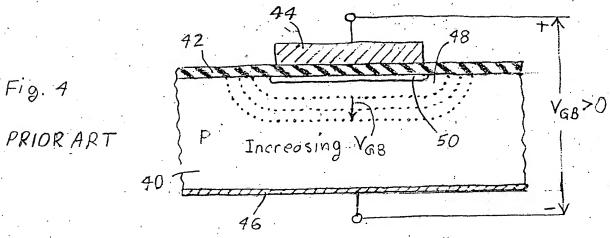
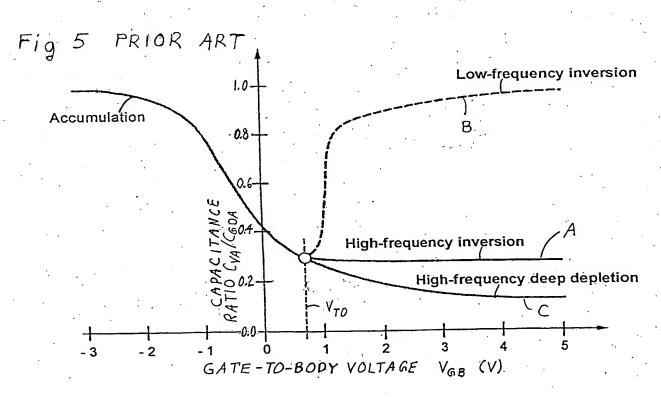


Fig. 2b PRIOR ART





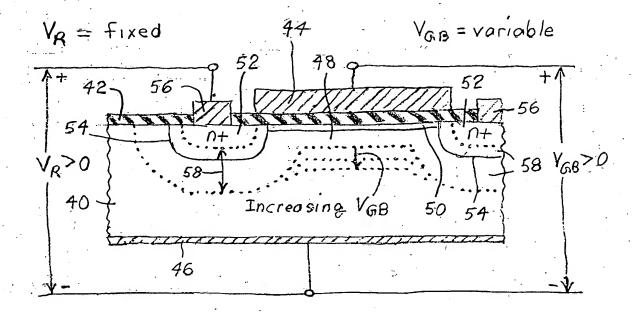


Fig. 6 PRIOR ART

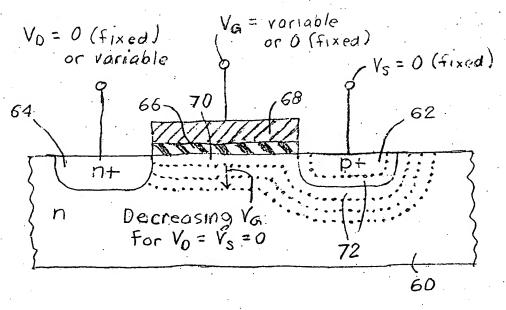
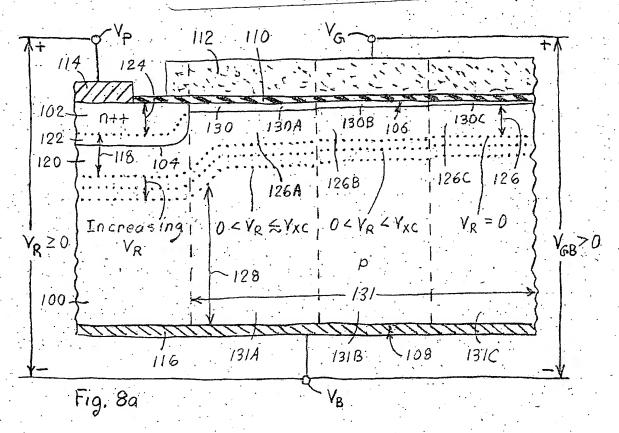
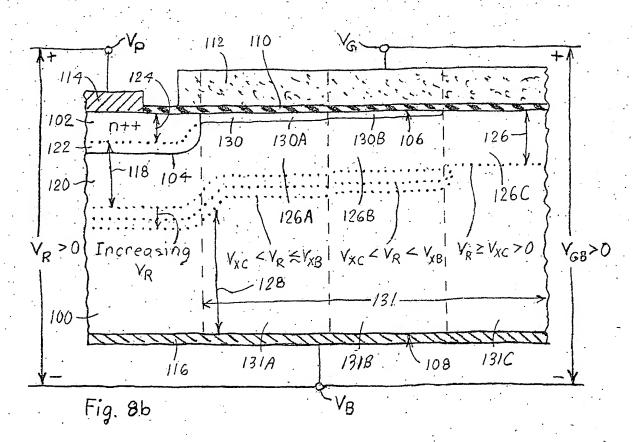


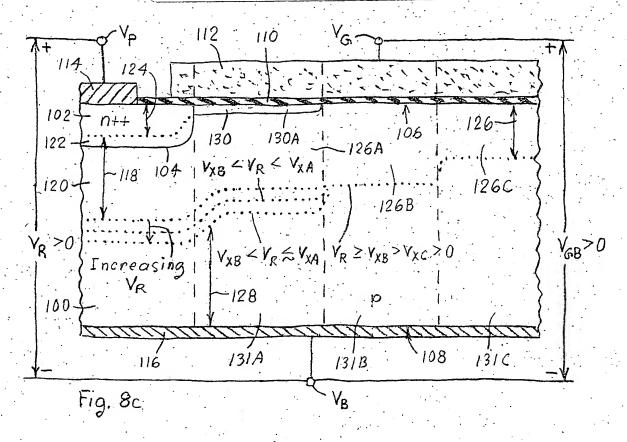
Fig. 7 PRIOR ART

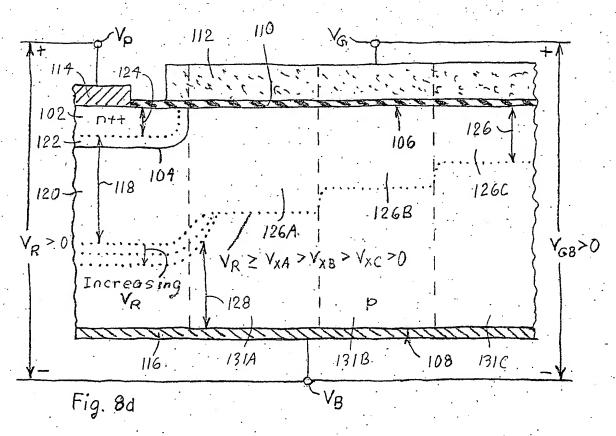
# Capacitanc Variation Capacitanc Variation Constantin Buluccea NS-5127 US Sheet 4 of 26



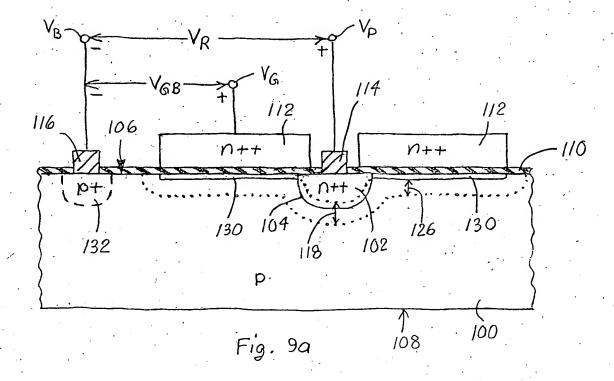


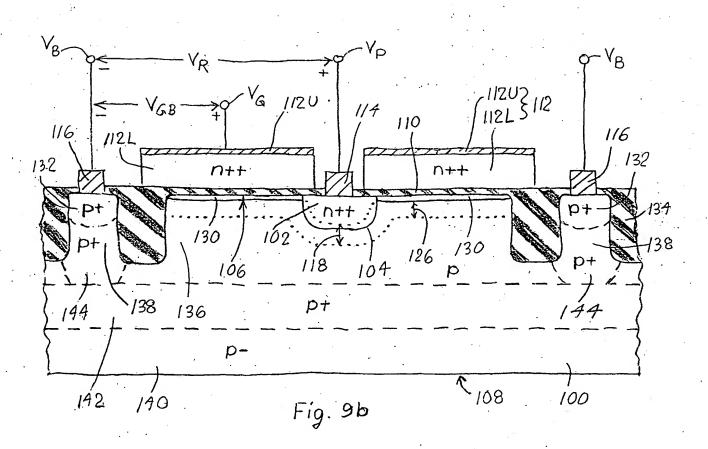
### Gate-Enhanced Junction Varactor With Gradual Capacitanc Variation Constantin Buluccea NS-5127 US Sheet **5**of 26



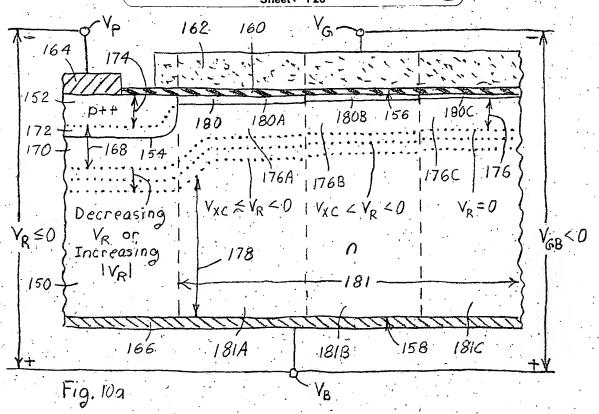


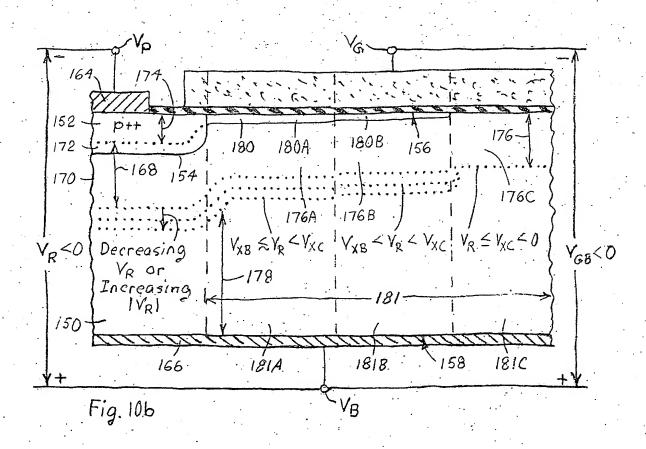
# Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet 6 of 26



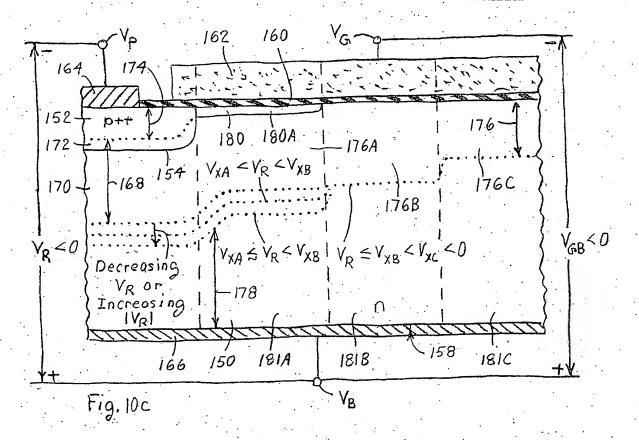


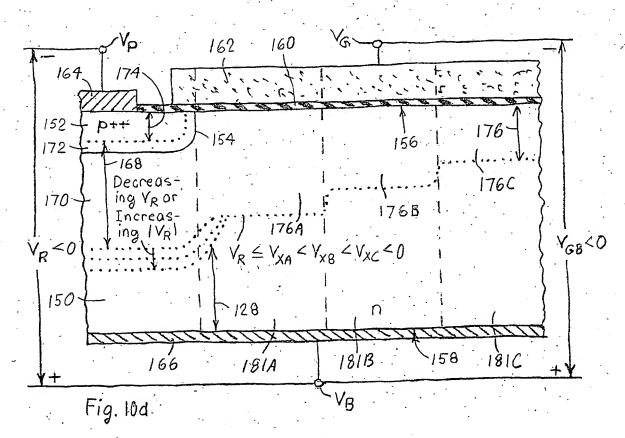
#### Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet 7 f 26

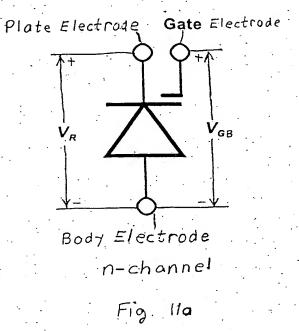


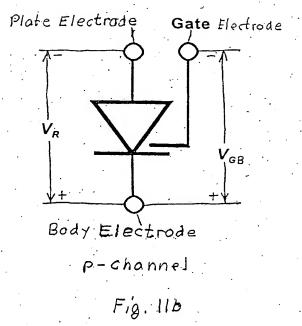


## Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet \$ f 26

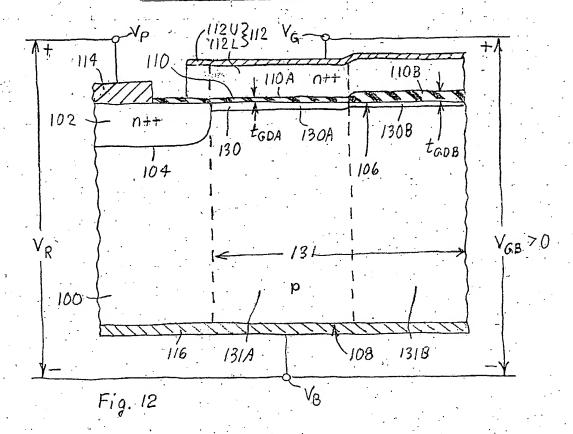


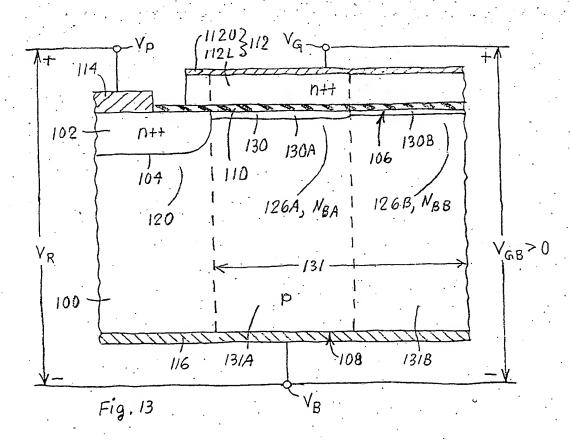




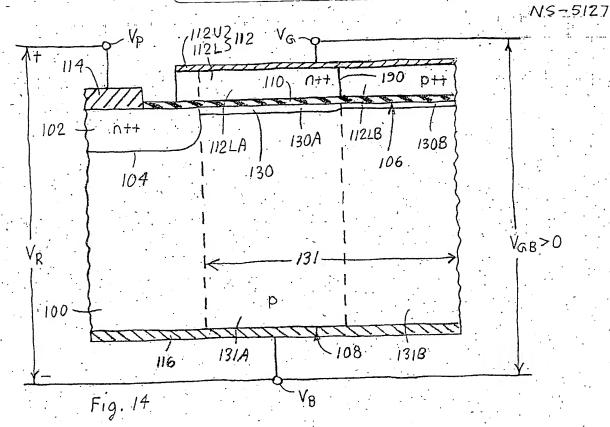


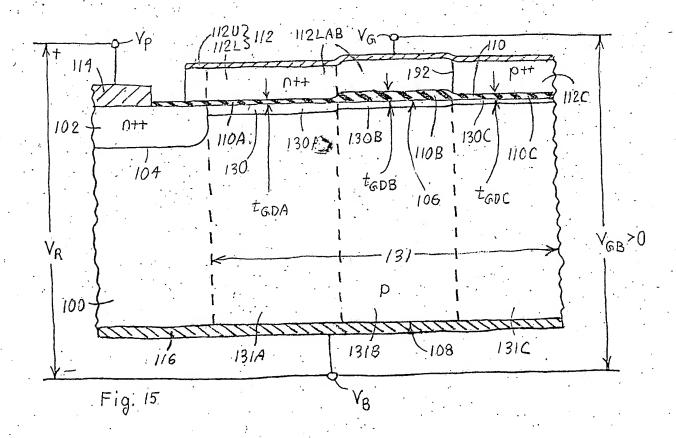
## Gate-Enhanced Junction Variator With Gradual Capacitanc Variation Constantin Buluccea NS-5127 US Sheet 19 of 26

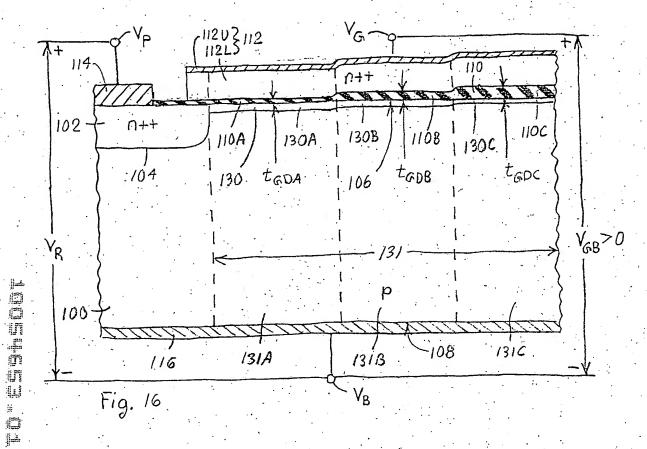


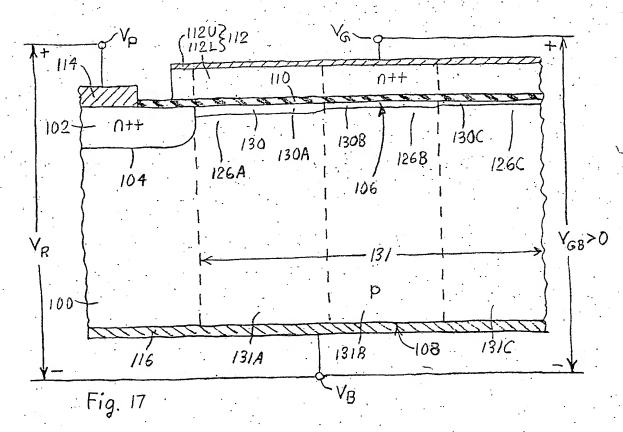


# Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Bulucc a NS-5127 US She t Nof 26

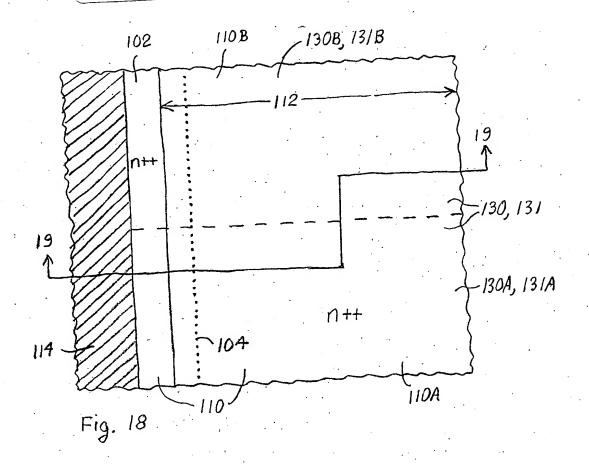


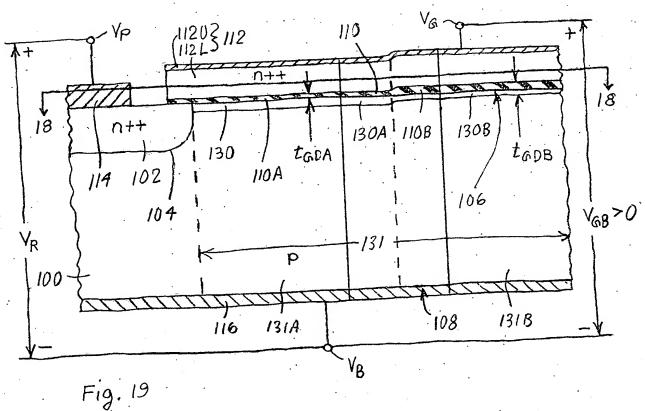


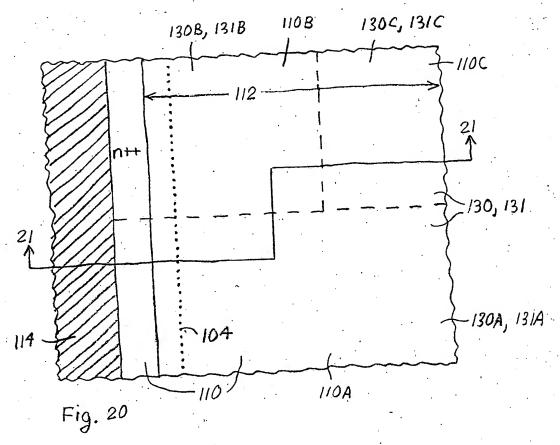




# -Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheett3of 26







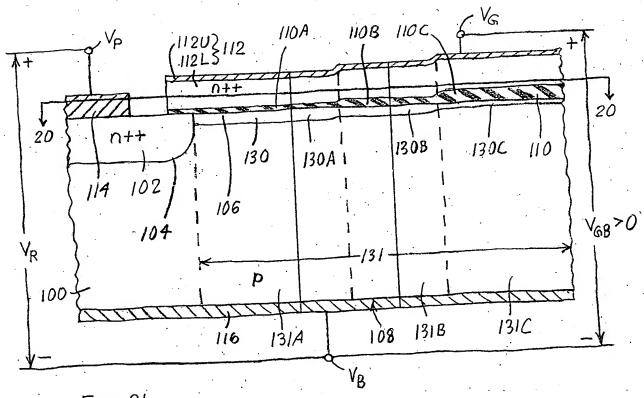
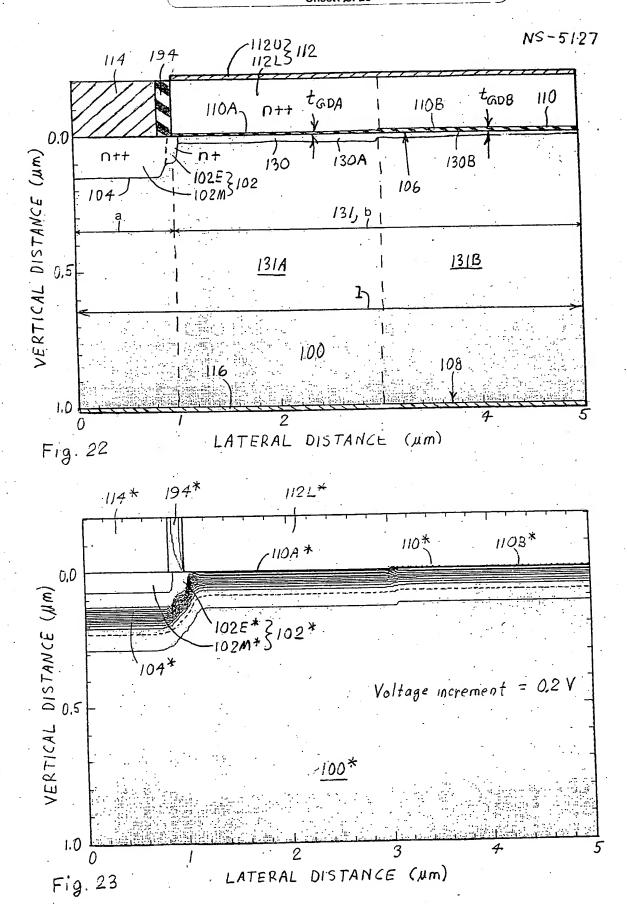
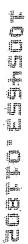
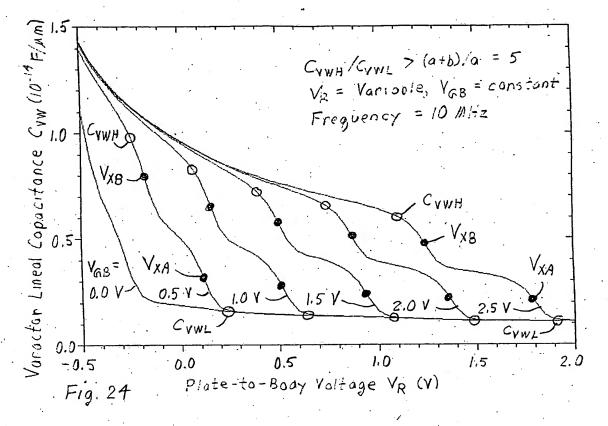


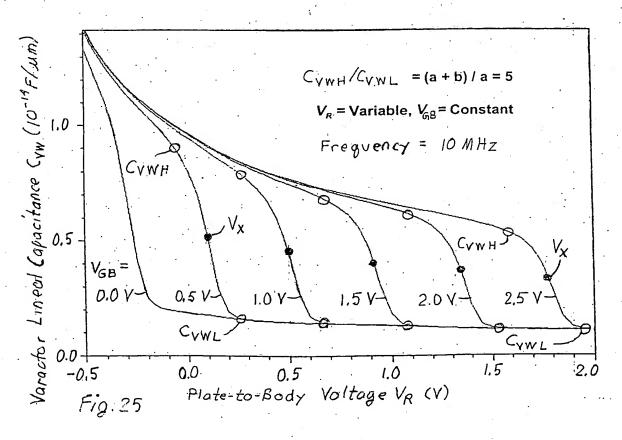
Fig. 21

## Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheeti of 26

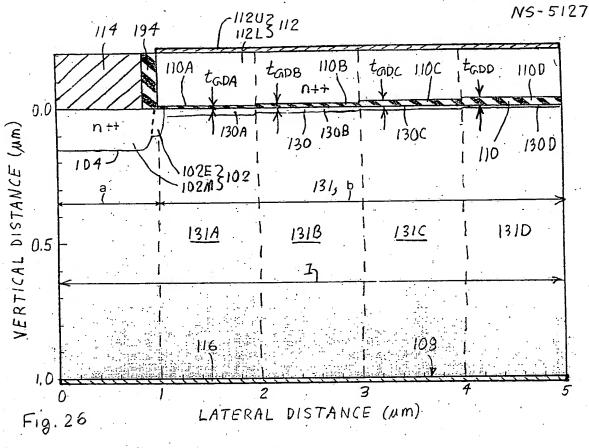


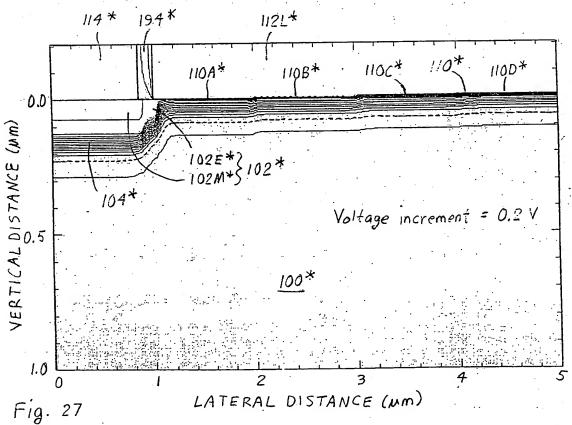






### Gate-Enhanced Junction Varactor With Gradual Capacitanc Variation Constantin Buluccea NS-5127 US Sheet **fo**f 26





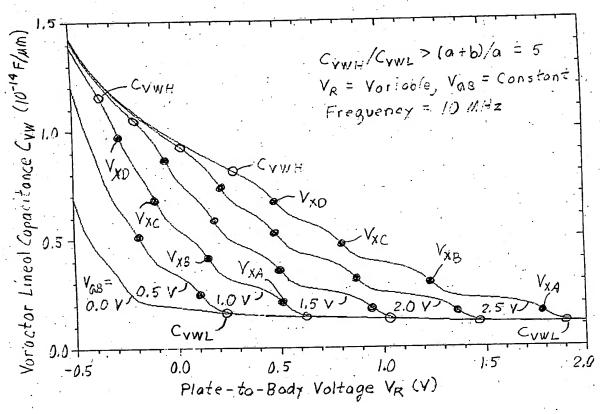
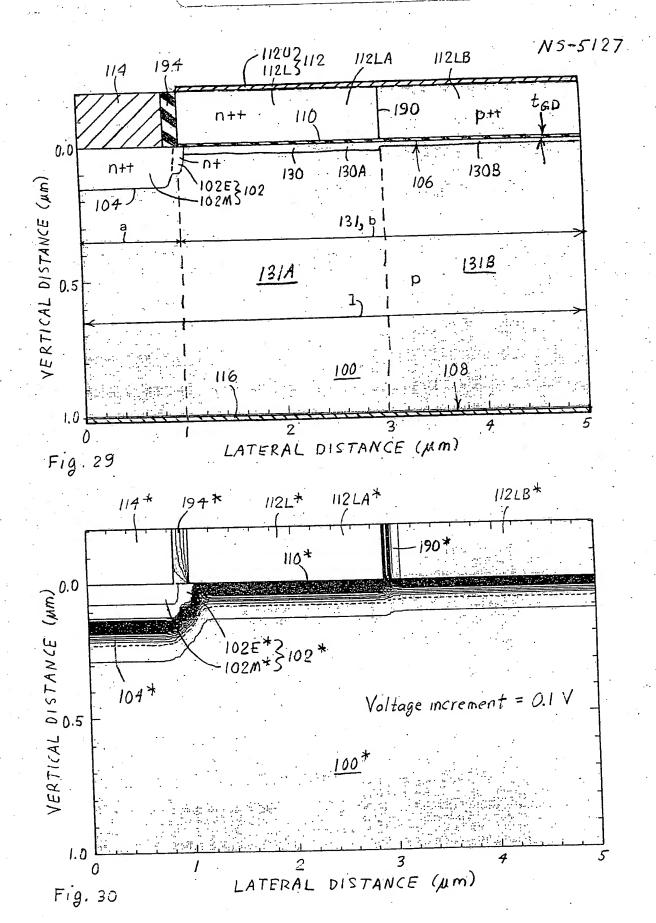


Fig. 28



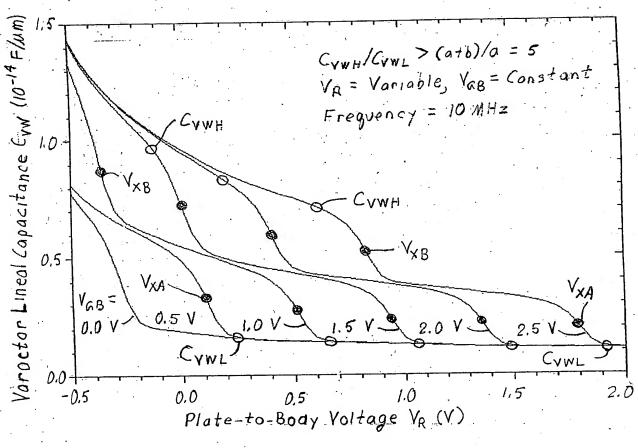


Fig. 31

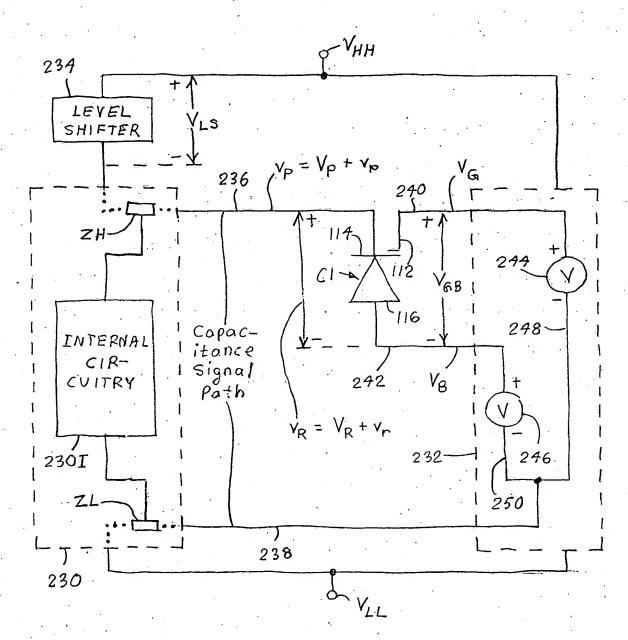
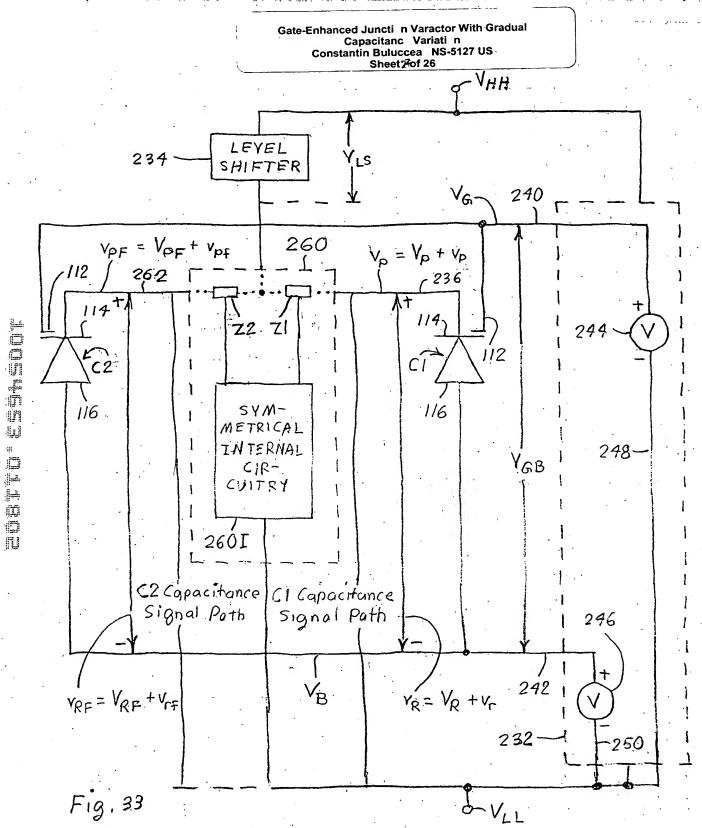


Fig. 32



### Gate-Enhanc d Juncti n Varactor With Gradual Capacitanc Variati n Constantin Buluccea NS-5127 US Sheet210f 26

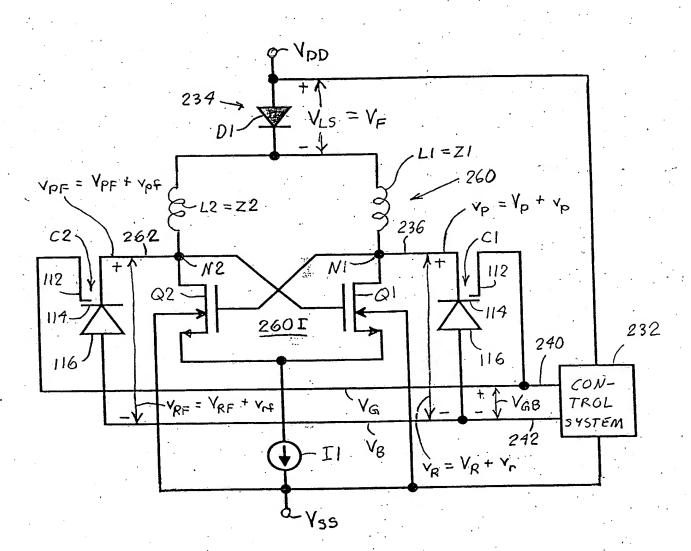


Fig. 34b

-Enhanc d Juncti n Varact r With Gradual Capacitance Variati n C nstantin Buluccea NS-5127 US She t<sup>35</sup> f 26

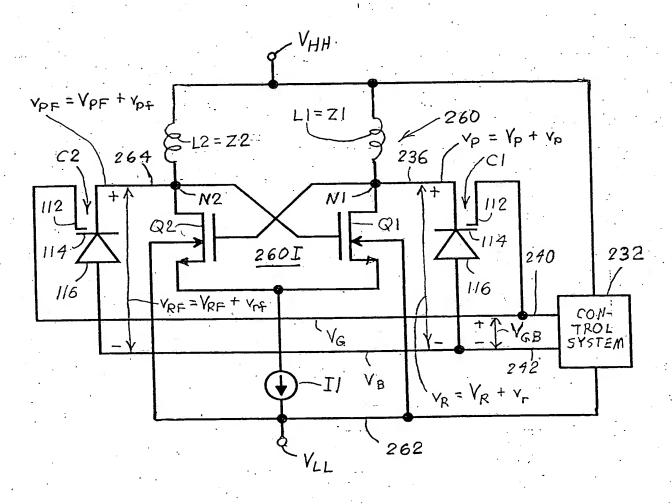


Fig. 34a

## Gate Sphanced Juncti n Varact r With Gradual Capacitanc Variation onstantin Buluccea NS-5127 US Sheet¥of 26

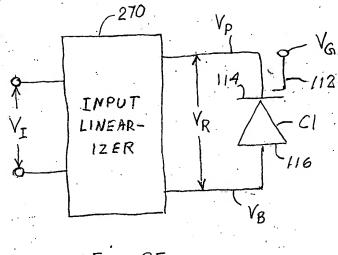


Fig. 35

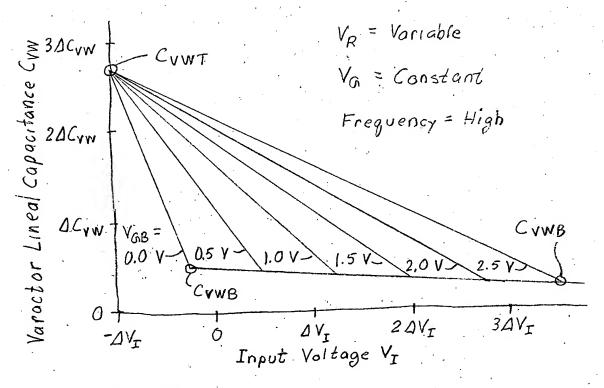
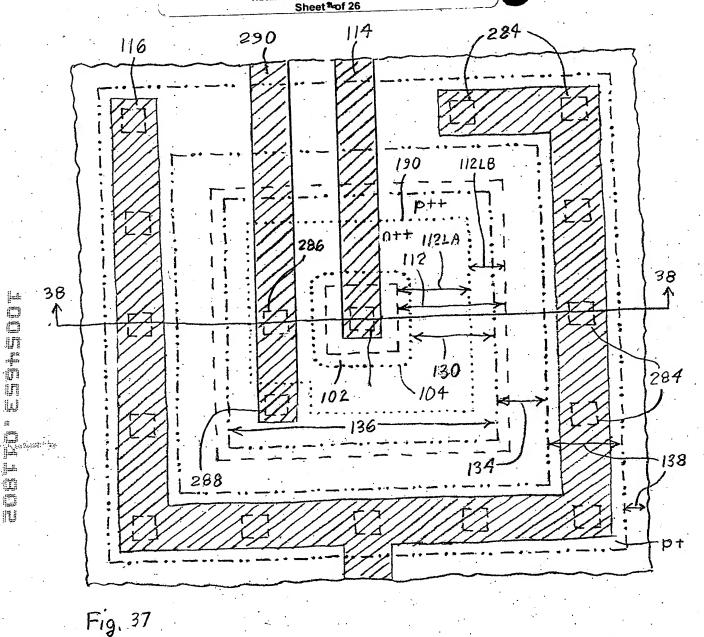


Fig. 36



112LB 114 280 1120 116 282 132 132 p+ 130 pt p+ p'-144 142 144 140 100 136 108 Fig. 38